JUDGE SCHEINDLIN

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UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF NEW YORK

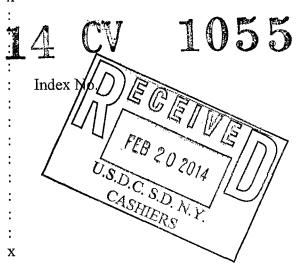
SABBY HEALTHCARE VOLATILITY MASTER FUND, LTD. and SABBY VOLATILITY WARRANT MASTER FUND, LTD.,

Plaintiffs,

- against -

CLEVELAND BIOLABS, INC.,

Defendant.



COMPLAINT

Plaintiffs Sabby Healthcare Volatility Master Fund, Ltd. ("Sabby Healthcare"), and Sabby Volatility Warrant Master Fund, Ltd. ("Sabby Warrant") (collectively, "the Funds"), by their counsel Bryan Cave LLP, as and for their complaint against Defendant Cleveland Biolabs, Inc. ("CBLI"), hereby allege as follows:

Introduction

- 1. CBLI is a clinical-stage biotechnology company with a focus on oncology drug development. According to CBLI's representations in its SEC filings over the last year, CBLI has been negotiating with the Biomedical Advance Research and Development Authority ("BARDA") to receive funding necessary to complete development of CBLI's leading drug, "Entolimod," a radiation countermeasure.
- 2. In the beginning of January 2014, CBLI, through its placement agent, approached the Funds about making an investment in the company. To induce the Funds to make an investment, CBLI and its placement agent, both at that time and up through the date the Funds made their investment, consistently represented that the negotiations were proceeding with

BARDA and that a deal remained viable with BARDA. CBLI's representations to the Funds were memorialized in the deal documents, in which CBLI unequivocally advised the Funds that CBLI was negotiating a deal with BARDA for funding to complete development of Entolimod. CBLI stressed that the deal needed to proceed quickly, and the Funds sought to accommodate what appeared to be an innocent request for an expeditious closing on the transaction. On January 14, 2014, in reliance upon CBLI's representations, the Funds were induced to purchase approximately \$5 million worth of common stock and warrants.

- 3. Remarkably, just a few days later, CBLI issued a press release stating that BARDA had officially terminated negotiations on its deal to provide further funding for Entolimod research. CBLI's request to proceed to a quick closing of the transaction, which CBLI pushed to close just days before its press release, no longer appeared innocent.
- 4. Upon information and belief, CBLI and BARDA were not negotiating as of January 14, 2014. Indeed, CBLI had not had any negotiations or even contact with BARDA since early December 2013. All attempts during this period by CBLI to discuss or negotiate a deal with BARDA were ignored by BARDA. CBLI knew or had reason to know that its deal with BARDA was not proceeding.
- 5. Without funding from BARDA, CBLI knew that it needed an infusion of funds from outside investors if it was to remain a viable business. Any outside investor, however, would view the BARDA deal as fundamental to the value of CBLI's business. For this reason, CBLI set out to and did mislead the Funds into making a quick investment while concealing and actively misrepresenting material information that negotiations had ceased with BARDA.

6. When the true facts regarding the BARDA deal were revealed to the market, the price of CBLI's common stock plummeted over 30% and with it the value of the Funds' investment.

Parties

- 7. CBLI is a clinical-stage biotechnology company with a focus on oncology drug development. CBLI is a Delaware corporation with its principal place of business in Buffalo, New York.
- 8. Sabby Healthcare and Sabby Warrant are hedge funds located in the Cayman Islands. Sabby Management, LLC ("Sabby Management"), which acts as investment managers for Sabby Healthcare and Sabby Warrant, is a Delaware limited liability company with its principal place of business in Upper Saddle River, New Jersey.

Jurisdiction and Venue

- 9. This court has jurisdiction because Plaintiffs allege that Defendant violated the Securities Exchange Act of 1934, and Plaintiffs' state law claims are so related to Plaintiffs' federal claims that each forms part of the same case or controversy. *See* 28 U.S.C. §§ 1331 and 1367(a).
- 10. Venue is proper in this judicial district because Defendant is subject to personal jurisdiction in this district with respect to the action. See 28 U.S.C. § 1391(c)(2). Defendant, in the documents that form the basis for this action, irrevocably agreed to submit to personal jurisdiction in this judicial district.

Factual Background

CBLI Needed Outside Investment

- 11. CBLI was not generating the profit necessary to proceed with its business plans and needed outside investment to remain a viable company.
- 12. In the first nine months of 2013, CBLI incurred a net loss of approximately \$16.9 million. Since its inception in 2003, CBLI has incurred a net loss of approximately \$135.2 million.
- 13. Funding from United States government contracts and grants is crucial to CBLI's business.
- 14. United States government contracts and grants accounted for approximately 40% of CBLI's revenue in the first nine months of 2013.
 - 15. The other principal source of CBLI's funding is from private investors.
- 16. CBLI filed a quarterly report with the Securities and Exchange Commission ("SEC") on November 8, 2013 ("The Quarterly Report").
- 17. The Funds reviewed CBLI's Quarterly Report and relied upon its accuracy in deciding to make an investment in CBLI.
- 18. The Quarterly Report states that CBLI had "incurred cumulative net losses and expect[ed] to incur additional losses related to…" research and development going forward.
- 19. The Quarterly Report projected that CBLI's existing funds would cover operating costs only through June 2014 and that, consequently, CBLI would require additional funding to complete the development of its products.

- 20. The Quarterly Report states that, if CBLI could not obtain additional funding, CBLI might cease as a going concern.
- 21. The Quarterly Report forecasted that "substantially all" of CBLI's revenue in the near future would come from government contracts and grants.
- 22. The Quarterly Report forecasted that, in addition to its need to acquire funds from the United States government, CBLI's ability to continue as a going concern would depend on its ability to obtain Food and Drug Administration ("FDA") approval for Entolimod.
- 23. The Quarterly Report states that CBLI was negotiating with BARDA for funding to continue the development of Entolimod as a radiation countermeasure and that, if successful, the BARDA deal "could fund all remaining work necessary to complete development of Entolimod as a radiation countermeasure and allow [CBLI] to file a Biologic License Application ('BLA') with the FDA."
- 24. BARDA is a United States governmental agency that, *inter alia*, manages the development and procurement of medical countermeasures for chemical, biological, radiological, and nuclear agents.
 - 25. "Entolimod" is CBLI's lead drug.
- 26. Entolimod is being developed for use as an anti-radiation countermeasure and as a targeted cancer treatment.

CBLI Files a Registration Statement

- 27. On December 10, 2013, CBLI filed a Registration Statement with the SEC through a "shelf" registration process.
 - 28. The Registration Statement contained a Prospectus.

- 29. The Funds reviewed CBLI's Registration Statement and Prospectus and relied upon their accuracy in deciding to make an investment in CBLI.
- 30. The Registration Statement provided that CBLI "may from time to time offer and sell up to \$50,000,000 aggregate dollar amount of common stock and warrants."
- 31. The Prospectus accompanying the Registration Statement reiterated that CBLI's operations are dependent on funding from the United States government.
- 32. CBLI boasted in the Prospectus that CBLI had "successfully negotiated contracts and grants with the U.S. government totaling \$85.9 million for the development and procurement of..." Entolimod.
- 33. The Prospectus went on to state that CBLI was still engaged in negotiations with BARDA for funding to complete development of Entolimod and do the remaining work necessary to obtain FDA marketing approval for Entolimod.

CBLI Induces the Funds to Invest Based On Representations in CBLI's SEC Filings Regarding the BARDA Negotiations

- 34. On December 11, 2013, CBLI announced in its presentation at the Oppenheimer 24th Healthcare Conference that CBLI was "[i]n proposal discussion[s]" with BARDA "for ongoing development support of Entolimod."
- 35. On January 9, 2014, CBLI engaged H.C. Wainwright & Co., LLC, to act as CBLI's exclusive placement agent to solicit offers to purchase CBLI's common stock and warrants.
 - 36. On January 10, 2014, CBLI's Registration Statement became effective.

- 37. Within days of the Registration Statement becoming effective, CBLI's placement agent, on behalf of CBLI, approached Sabby Management about purchasing CBLI's common stock and warrants and stressed the need to proceed quickly.
- 38. In particular, on January 12, 2014, Noam Rubinstein, who was CBLI's placement agent, sent an email to Hal Mintz, who serves as Manager of Sabby Management. Rubinstein asked, on behalf of CBLI, that Sabby Management make an investment in CBLI and stressed that the deal needed to proceed quickly.
- 39. On January 13, 2014, Timothy Gasperoni, a senior analyst at Sabby Management, met with CBLI's representative, Rubinstein, at the Sir Francis Drake Hotel in San Francisco, California. Gasperoni told Rubinstein that he had reservations about CBLI given prior disappointments. CBLI's representative stressed to Gasperoni that there would be no more bad news for CBLI in the future and, after making his pitch on behalf of CBLI, thanked Gasperoni for not "standing in the way" of the deal.
- 40. Given the importance of the BARDA negotiations, Rubinstein would have known that his representation to Gasperoni clearly conveyed and, in fact, did convey to Sabby that CBLI was still engaged in negotiations with BARDA for funding to complete development of Entolimod and that those negotiations would be successful.
- 41. Following these conversations, the parties and their representatives began evaluating the transaction and negotiating the deal documents. The deal documents did not depart from the representation that there would be no more bad news on CBLI and instead affirmatively represented that the BARDA negotiations were ongoing.

- 42. On January 14, 2014, CBLI and the Funds entered into a Securities Purchase Agreement (the "Agreement") to purchase approximately \$5 million worth of CBLI common stock and warrants. The Agreement is attached as **Exhibit A**.
- 43. Sabby Healthcare paid CBLI \$3,749,999.40 total for 3,073,770 shares of CBLI common stock; a Series A Warrant for 1,536,885 shares of CBLI common stock; and a Series B Warrant for 1,536,885 shares of CBLI common stock.
- 44. Sabby Warrant paid CBLI \$1,249,999.80 total for 1,024,590 shares of CBLI common stock; a Series A warrant for 512,295 shares of CBLI common stock; and a Series B warrant for 512,295 shares of CBLI common stock.
- 45. The Series A warrants were exercisable six months following issuance and had a term of exercise equal to five years from closing. The Series B warrants were exercisable six months following issuance and had a term of exercise equal to twelve months from the initial exercise date. The exercise price for both the Series A and Series B warrants was \$1.22 per share.

The Agreement Incorporated CBLI's SEC Filings

46. The Agreement incorporated the representations that CBLI made to the Funds to induce them to enter into the transaction: that CBLI was still engaged in negotiations with BARDA for funding to complete development of Entolimod and do the remaining work necessary to obtain FDA marketing approval for Entolimod. CBLI warranted that those representations remained accurate in all material respects.

- 47. In that regard, the Agreement provides that "[o]n or prior to the Closing date, the Company shall deliver or cause to be delivered to each purchaser . . . the Prospectus and Prospectus Supplement."
- 48. The Agreement provides that "[t]he respective obligations of the Purchasers [] in connection with the Closing are subject to the following conditions being met: (i) the accuracy in all material respects when made and on the Closing Date of the representations and warranties of the Company contained herein"
- Date, the Registration Statement and any amendments thereto conformed and will conform in all material respects to the requirements of the Securities Act and did not and will not contain any untrue statement of material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading; and as of the date of the Prospectus Supplement and at the Closing Date, the Prospectus Supplement, when taken together with the Prospectus, and any amendments or supplements thereto, when taken together with the Prospectus and Prospectus Supplement and any amendments and supplements thereto prior to such date, conformed and will confirm in all material respects to the requirements of the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading."
- 50. The Agreement provides that CBLI had no "Material Adverse Effects" to disclose. The Agreement defined the term "Material Adverse Effect" to include any event that could be expected to result in "a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise)."

- 51. The Agreement provides that "[a]ll of the disclosure furnished by or on behalf of the Company to the Purchasers regarding the Company and its Subsidiaries, their respective business and the transactions contemplated hereby, including the Disclosure Statements to this Agreement, is true and correct and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in light of the circumstances under which they were made, not misleading."
- 52. The Agreement provides that "prior to delivery of this Agreement to the Company, [] Purchaser will receive certain additional information regarding the offering contemplated by this Agreement, including pricing information. Such information may be provided to the Purchaser by any means permitted under the Securities Act, including the Prospectus Supplement, a free writing prospectus and oral communications."

CBLI Reaffirms In Its Supplemental Prospectus That It Is Negotiating With BARDA

- 53. On January 14, 2014, CBLI issued a press release announcing the sale of its common stock and warrants to institutional investors, which included the \$5 million sale to the Funds. The press release stated that CBLI would be filing a Supplemental Prospectus relating to the sale forthwith.
 - 54. CBLI filed the Supplemental Prospectus with the SEC on January 15, 2014.
- 55. The Supplemental Prospectus reaffirmed that CBLI is dependent on contracts and grants from the United States government, and continued to boast of CBLI's history of successful requests for governmental funding for research and development of Entolimod.

56. The Supplemental Prospectus stated that CBLI was still engaged in negotiations with BARDA for funding to complete development of Entolimod and do the remaining work necessary to obtain FDA marketing approval for Entolimod.

CBLI Acknowledges Publicly That the BARDA Negotiations Had Terminated

- 57. A week later, on January 23, 2014, CBLI issued a press release announcing that BARDA would not be providing funding for further research into Entolimod.
 - 58. Shocked by the announcement, Sabby Management immediately called CBLI.
- 59. During that call on January 23, Timothy Gasperoni and Robert Grundstein of Sabby Management spoke on a conference call with CBLI's CEO, Yakov Kogan; Chief Financial Officer, C. Neil Lyons; and Vice President of Investor Relations, Rachel Levine.
- 60. Gasperoni and Grundstein asked Kogan when CBLI had last been in contact with BARDA. Kogan admitted that the last time CBLI had been in contact with BARDA was on December 12, 2013. Kogan also admitted that, several times after the holidays, CBLI had sent BARDA e-mails seeking to revive its business dealings and negotiations, but BARDA never responded.
- 61. CBLI had not disclosed any of these facts to the Funds prior to the January 23, 2014, phone call.
- 62. Later in the afternoon of January 23, Gasperoni received a phone call from CBLI's placement agent, Noam Rubinstein.
- 63. On that call, Rubinstein told Gasperoni that he had talked to the investment banking analyst at his company who had conducted the due diligence on the transaction. The analyst said that he had explicitly asked CBLI about the BARDA negotiations: rather than being

advised by CBLI that no negotiations were on-going, CBLI advised the analyst that there was nothing to report.

The Aftermath of CBLI's BARDA Announcement

- 64. The price of CBLI common stock declined precipitously after CBLI announced that BARDA would not be providing funding to CBLI.
- 65. Trading closed at approximately \$1.13 per share on January 22, the day before the announcement; trading closed at approximately \$.75 per share on January 23, the day of the announcement.
 - 66. The price of CBLI common stock has continued to decline since then.
- 67. CBLI's future prospects are now substantially diminished because, assuming it can proceed at all, CBLI's development process for Entolimod will take much longer than it would have with the BARDA funding.
- 68. Consequently, the Funds' evaluation of the investment would have been significantly altered had they known that CBLI was no longer engaged in on-going discussions and negotiations with BARDA, and that BARDA had stopped communicating with CBLI.
- 69. Indeed, the Funds would not have entered into the Agreement had they known that BARDA had stopped communicating with CBLI.
- 70. CBLI knew that, as of November 2013, it would not have enough money to cover its operating expenses by the end of June 2014 absent a fresh injection of funds.
- 71. Obtaining the investment that CBLI misled the Funds into making was crucial to the survival of the company once it learned that the BARDA deal would not proceed. With these funds, CBLI could now implement a contingency plan.

- 72. In that regard, CBLI's Chief Financial Officer, C. Neil Lyons, has publicly proclaimed that with the investment from the Funds CBLI has "enough cash to last [] into the first quarter of 2015." Available at: http://www.buffalonews.com/business/cleveland-biolabs-given-a-jolt-20140123.
- 73. Based on the money provided by the Funds, Lyons was able to further state that CBLI could proceed with its plan of requesting a meeting with the FDA officials to discuss a process known as a "Pre-Emergency Use Authorization" in hopes of scheduling a session that will take place by the end of June 2014.
- 74. In other words, CBLI can now pursue a course of action with the FDA that it would not have had the funds to pursue absent inducing the Funds to invest, which provided CBLI the funds necessary to cover its operating expenses past June 2014.

Count One (Violation of the Securities Exchange Act of 1934)

- 75. Plaintiffs incorporate by reference the preceding paragraphs of this Complaint.
- 76. In violation of 15 U.S.C. § 78j(b) and Rule 10b-5, CBLI, with the intent to deceive, manipulate, or defraud, and in connection with the sale of securities, made untrue statements of a material fact or omitted to state material facts necessary in order to make the statements made, in the light of the circumstances under which they were made, not misleading, using the means and instrumentalities of interstate commerce.
- 77. CBLI's Registration Statement and Supplemental Prospectus represented that CBLI was negotiating with BARDA for additional funding.

- 78. The Registration Statement and Supplemental Prospectus failed to disclose the fact that CBLI was not currently engaged in negotiations or any communications with BARDA, and that, in fact, BARDA had stopped communicating with CBLI a month earlier.
- 79. This misstatement or omission made CBLI's representations regarding the potential for BARDA funding misleading, and contradicted what CBLI knew.
- 80. CBLI meant to deceive, manipulate, or defraud the Funds into entering the Agreement, because CBLI needed funding immediately and knew the lack of BARDA funds would have led the Funds to not purchase stock and warrants pursuant to the Agreement.
- 81. CBLI's misstatements or omissions were material because the BARDA funding was a material factor in the valuation of CBLI's business and CBLI's ability to succeed as a business.
- 82. The stock market recognized the materiality of these facts immediately: the price of CBLI common stock plummeted when CBLI made the announcement that it would not be receiving funds from BARDA.
- 83. The Funds purchased CBLI common stock and warrants in reliance on CBLI's representations, and as a direct result have suffered damage: CBLI's misstatements or omissions concealed something from the market that, when disclosed, negatively affected the value of the security. The Funds have been damaged in an amount to be proven at trial but not less than \$2 million, plus interest.

Count Two (Fraudulent Inducement)

84. Plaintiffs incorporate by reference the preceding paragraphs of this Complaint.

- 85. Whether CBLI would receive the BARDA funding was a material fact because the BARDA funding was a material factor in the valuation of CBLI's business and to its ability to succeed as a business.
- 86. When the Funds purchased CBLI common stock and warrants on January 14, 2014, CBLI represented in its SEC filings that it was negotiating with BARDA.
 - 87. When CBLI made this representation, CBLI knew it was not true.
 - 88. CBLI had a duty to be truthful in its SEC filings.
- 89. CBLI knew that the Funds would not have entered into the Agreement if the Funds had known that the BARDA negotiations were not proceeding, so CBLI misrepresented that negotiations were on-going to induce the Funds to enter into the Agreement.
- 90. The Funds justifiably relied on CBLI's representations, and suffered damages as a direct result: when CBLI announced that BARDA would not be providing funding, the price of CBLI common stock plummeted and the true value of CBLI common stock was revealed. The Funds has been damaged in an amount to be proven at trial but not less than \$2 million, plus interest.

Count Three (Breach of the Stock Purchase Agreement)

- 91. Plaintiffs incorporate by reference the preceding paragraphs of this Complaint.
- 92. The Funds have performed all of their obligations pursuant to the Agreement.
- 93. CBLI breached the Agreement.
- 94. In the Agreement, CBLI represented, warranted and agreed that the Registration Statement and Supplemental Prospectus would not, as of the date of the Agreement and the closing date, contain any untrue statement of a material fact or omit to state a material fact

necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading.

- 95. Both the Registration Statement and Supplemental Prospectus stated that CBLI was negotiating with BARDA for additional funding.
- 96. The Registration Statement and Supplemental Prospectus failed to disclose the fact that CBLI was not currently engaged in negotiations or even discussions with BARDA, and that BARDA had stopped communicating with CBLI.
- 97. These misstatements or omissions made CBLI's statements regarding the potential for BARDA funding materially misleading because the BARDA funding was a material factor in the valuation of CBLI's business and to its ability to succeed as a business.
- 98. The Funds have suffered damages as a direct result of CBLI's breach of the Agreement: when CBLI announced that BARDA would not be providing funding, the price of CBLI common stock plummeted and the true value of CBLI common stock was revealed. The Funds have been damaged in an amount to be proven at trial but not less than \$2 million, plus interest.

Count Four (Indemnity)

- 99. Plaintiffs incorporate by reference the preceding paragraphs of this complaint.
- 100. The Agreement's "Indemnification of Purchasers" section provides that CBLI would hold "each purchaser and its directors, officers, stockholders, members, partners, employees and agents . . . each Person who controls such Purchaser . . . and the directors, officers, stockholders, agents, members, partners or employees . . . of such controlling persons (each, a 'Purchaser Party') harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in

settlements, court costs and reasonable attorneys' fees and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (a) any material breach of any of the representations, warranties, covenants or agreements made by [CBLI] in this Agreement or in other Transaction Documents"

- 101. The Agreement further provides that "[i]f either party shall commence an action, suit or proceeding to enforce any provisions of the Transaction Documents, then, in addition to [CBLI's] obligations . . . under [the Indemnification of Purchasers section], the prevailing party in such action, suit or proceeding shall be reimbursed by the other party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding."
- 102. CBLI has materially breached the Agreement by misrepresenting the status of its negotiations for funding from BARDA.
- 103. The Funds are entitled to indemnity in an amount to be proven at trial for any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys' fees and costs of investigation that the Funds have suffered and will suffer or incur.

WHEREFORE, Sabby Healthcare and Sabby Warrant respectfully request that the Court award judgment in their favor and against CBLI and that the Court award Sabby Healthcare and Sabby Warrant damages in an amount to be proven at trial, but not less than \$2 million plus interest, as well as their attorneys' fees and litigation costs pursuant to the express terms of the Agreement, and any additional damages and such other relief as the Court deems appropriate.

Dated: February 20, 2014.

BRYAN CAVE LLP

By:

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Attorneys for Plaintiffs

Exhibit A

SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this "<u>Agreement</u>") is dated as of January 13, 2014, between Cleveland BioLabs, Inc., a Delaware corporation (the "<u>Company</u>"), and each purchaser identified on the signature pages hereto (each, including its successors and assigns, a "<u>Purchaser</u>", and collectively, the "<u>Purchasers</u>").

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to an effective registration statement under the Securities Act of 1933, as amended (the "Securities Act"), the Company desires to issue and sell to each Purchaser, and each Purchaser, severally and not jointly, desires to purchase from the Company, securities of the Company as more fully described in this Agreement.

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants contained in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Company and each Purchaser agree as follows:

ARTICLE I.DEFINITIONS

- 1.1 <u>Definitions</u>. In addition to the terms defined elsewhere in this Agreement, for all purposes of this Agreement, the following terms have the meanings set forth in this Section 1.1:
 - "Acquiring Person" shall have the meaning ascribed to such term in Section 4.5.
 - "Action" shall have the meaning ascribed to such term in Section 3.1(j).
 - "Affiliate" means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.
 - "Approved Share Plan" means any employee benefit plan which has been approved by the board of directors of the Company prior to or subsequent to the date hereof pursuant to which shares of Common Stock and options to purchase Common Stock may be issued to any employee, consultant, officer or director for services provided to the Company in their capacity as such.
 - "Board of Directors" means the board of directors of the Company.
 - "Business Day" means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.
 - "Closing" means the closing of the purchase and sale of the Securities pursuant to Section 2.1.

"Closing Date" means the Trading Day on which all of the Transaction Documents have been executed and delivered by the applicable parties thereto, and all conditions precedent to (i) the Purchasers' obligations to pay the Subscription Amount and (ii) the Company's obligations to deliver the Securities, in each case, have been satisfied or waived, but in no event later than the third Trading Day following the date hereof.

"Commission" means the United States Securities and Exchange Commission.

"Common Stock" means the common stock of the Company, par value \$0.005 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

"Common Stock Equivalents" means any capital stock or other security of the Company or any of its Subsidiaries that is at any time and under any circumstances directly or indirectly convertible into, exercisable or exchangeable for, or which otherwise entitles the holder thereof to acquire, any capital stock or other security of the Company (including, without limitation, Common Stock) or any of its Subsidiaries.

"Company Counsel" means Cooley LLP, with offices located at 500 Boylston Street, Boston, Massachusetts 02116.

"<u>Disclosure Schedules</u>" means the Disclosure Schedules of the Company delivered concurrently herewith.

"EGS" means Ellenoff Grossman & Schole LLP, with offices located at 1345 Avenue of the Americas, New York, New York 10105-0302.

"Escrow Agent" means Signature Bank, a New York State chartered bank, with offices at 261 Madison Avenue, New York, New York 10016.

"Escrow Agreement" means the escrow agreement entered into on or about the date hereof, by and among the Company, the Escrow Agent and the Placement Agent, pursuant to which the Purchasers shall deposit Subscription Amounts with the Escrow Agent to be applied to the transactions contemplated hereunder.

"Evaluation Date" shall have the meaning ascribed to such term in Section 3.1(r).

"Exchange Act" means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

"Exempt Issuance" means the issuance of (a) shares of Common Stock or options to purchase Common Stock (and shares of Common Stock underlying such options) to directors, officers, employees or consultants (provided that issuances of Common Stock and Common Stock Equivalents to consultants shall not exceed, in the aggregate over any 12 month period, 5% of the issued and outstanding shares of Common Stock as of the date hereof and provided further that consultants shall not include attorneys, law firms, accountants or accounting firms) of the Company in their capacity as such pursuant to an

Approved Share Plan, provided that (1) all such issuances (taking into account the shares of Common Stock issuable upon exercise of such options) after the date hereof pursuant to this clause (A) do not, in the aggregate, exceed more than 10% of the Common Stock issued and outstanding immediately prior to the date hereof in any 12 month period and (2) the exercise price of any such options is not lowered, none of such options are amended to increase the number of shares issuable thereunder and none of the terms or conditions of any such options are otherwise materially changed in any manner that adversely affects any of the Purchasers, (b) securities upon the exercise of any Securities issued hereunder. (c) shares of Common Stock issued upon the conversion or exercise of Common Stock Equivalents (other than options to purchase Common Stock issued pursuant to an Approved Share Plan that are covered by clause (a) above) issued prior to the date hereof, provided that the conversion or exercise price of any such Common Stock Equivalents (other than options to purchase Common Stock issued pursuant to an Approved Share Plan that are covered by clause (a) above) is not lowered (other than in accordance with the terms of such Common Stock Equivalents and the transaction documents pursuant to which they were issued as they existed on the date hereof), none of such Common Stock Equivalents (other than options to purchase Common Stock issued pursuant to an Approved Share Plan that are covered by clause (a) above) are amended to increase the number of shares issuable thereunder (other than in accordance with the terms of such Common Stock Equivalents and the transaction documents pursuant to which they were issued as they existed on the date hereof) and none of the terms or conditions of any such Common Stock Equivalents (other than options to purchase Common Stock issued pursuant to an Approved Share Plan that are covered by clause (a) above) are otherwise materially changed in any manner that adversely affects any of the Purchasers, (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a Person (or the equity holders of a Person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities or (e) securities by Incuron LLC ("Incuron"), a majority owned Subsidiary, to Bioprocess Capital Partners, LLC ("BPC") pursuant to that certain Participation Agreement, dated as of December 30, 2009, between the Company and BCP in exchange for a payment of approximately \$5.4 million by BPC to Incuron.

"FCPA" means the Foreign Corrupt Practices Act of 1977, as amended.

"FDA" shall have the meaning ascribed to such term in Section 3.1(gg).

"FDCA" shall have the meaning ascribed to such term in Section 3.1(gg).

"GAAP" shall have the meaning ascribed to such term in Section 3.1(h).

"Indebtedness" shall have the meaning ascribed to such term in Section 3.1(z).

"Intellectual Property Rights" shall have the meaning ascribed to such term in Section 3.1(o).

"Knowledge of the Company" means the actual knowledge that was, or would reasonably be expected to be, obtained after due inquiry of all executive officers of the Company.

"<u>Liens</u>" means a lien, charge, pledge, security interest, encumbrance, right of first refusal, preemptive right or other restriction that has the practical effect of creating any of the foregoing.

"Material Adverse Effect" shall have the meaning assigned to such term in Section 3.1(b).

"Material Permits" shall have the meaning ascribed to such term in Section 3.1(m).

"<u>Participation Maximum</u>" shall have the meaning ascribed to such term in Section 4.11(a).

"<u>Per Share Purchase Price</u>" equals \$1.22, subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the date of this Agreement.

"<u>Person</u>" means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

"<u>Pharmaceutical Product</u>" shall have the meaning ascribed to such term in Section 3.1(gg).

"Placement Agent" means H.C. Wainwright & Co., LLC.

"<u>Pro Rata Portion</u>" shall have the meaning ascribed to such term in Section 4.11(e).

"Proceeding" means an action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened.

"<u>Prospectus</u>" means the final prospectus filed for the Registration Statement, including the documents incorporated by reference in the Registration Statement, and the documents incorporated by reference in such final prospectus.

"Prospectus Supplement" means the supplement to the Prospectus complying with Rule 424(b) of the Securities Act that is filed with the Commission and delivered by the Company to each Purchaser at the Closing, including the documents incorporated by reference therein.

"Purchaser Party" shall have the meaning ascribed to such term in Section 4.8.

"Registration Statement" means the effective registration statement filed with the Commission (File No. 333-192755), which registers the sale of the Shares, the Warrants and the Warrant Shares to the Purchasers.

"Required Approvals" shall have the meaning ascribed to such term in Section 3.1(e).

"Rule 144" means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

"Rule 424" means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

"SEC Reports" shall have the meaning ascribed to such term in Section 3.1(h).

"Securities" means the Shares, the Warrants and the Warrant Shares.

"Securities Act" means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

"Series A Warrants" means, collectively, the Series A Common Stock purchase warrants delivered to the Purchasers at Closing in accordance with Section 2.2(a) hereof, which Series A Warrants shall be initially exercisable 6 months following issuance and have a term of exercise equal to 5 years from the Closing Date, in the form of Exhibit A attached hereto

"Series B Warrants" means, collectively, the Series B Common Stock purchase warrants delivered to the Purchasers at Closing in accordance with Section 2.2(a) hereof, which Series B Warrants shall be initially exercisable 6 months following issuance and have a term of exercise equal to 12 months from the initial exercise date, in the form of Exhibit A attached hereto

"Shares" means the shares of Common Stock issued or issuable to each Purchaser pursuant to this Agreement.

"Short Sales" means all "short sales" as defined in Rule 200 of Regulation SHO under the Exchange Act (but shall not be deemed to include the location and/or reservation of borrowable shares of Common Stock).

"Subscription Amount" means, as to each Purchaser, the aggregate amount to be paid for Shares and Warrants purchased hereunder as specified below such Purchaser's

name on the signature page of this Agreement and next to the heading "Subscription Amount," in United States dollars and in immediately available funds.

"Subsequent Financing" shall have the meaning ascribed to such term in Section 4.11(a).

"Subsequent Financing Notice" shall have the meaning ascribed to such term in Section 4.11(b).

"Subsidiary" means any subsidiary of the Company as set forth on Schedule 3.1(a), and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

"Trading Day" means a day on which the principal Trading Market is open for trading.

"Trading Market" means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE MKT, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, the New York Stock Exchange or the OTC Bulletin Board (or any successors to any of the foregoing).

"<u>Transaction Documents</u>" means this Agreement, the Warrants and any other documents or agreements executed in connection with the transactions contemplated hereunder.

"Transfer Agent" means Continental Stock Transfer & Trust Company, the current transfer agent of the Company, with a mailing address of 17 Battery Place, New York, New York 10004, and a facsimile number of (212) 509-5150, and any successor transfer agent of the Company.

"<u>Variable Rate Transaction</u>" shall have the meaning ascribed to such term in Section 4.12(b).

"Warrants" means, collectively, the Series A Warrants and the Series B Warrants.

"Warrant Shares" means the shares of Common Stock issuable upon exercise of the Warrants.

ARTICLE II.PURCHASE AND SALE

2.1 <u>Closing</u>. On the Closing Date, upon the terms and subject to the conditions set forth herein, substantially concurrent with the execution and delivery of this Agreement by the parties hereto, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase, up to an aggregate of \$7,000,000 of Shares and Warrants. Each Purchaser shall deliver to the Escrow Agent, via wire transfer, immediately available funds equal to such Purchaser's Subscription Amount as set forth on the signature page hereto executed by such Purchaser, and

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the Company shall deliver to each Purchaser its respective Shares and a Warrant as determined pursuant to Section 2.2(a), and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the covenants and conditions set forth in Sections 2.2 and 2.3, the Closing shall occur at the offices of Company Counsel or such other location as the parties shall mutually agree.

2.2 Deliveries.

- (a) On or prior to the Closing Date, the Company shall deliver or cause to be delivered to each Purchaser the following:
 - (i) this Agreement duly executed by the Company;
 - (ii) a legal opinion of Company Counsel, substantially in the form of Exhibit B attached hereto;
 - (iii) a copy of the irrevocable instructions to the Transfer Agent instructing the Transfer Agent to deliver on an expedited basis via The Depository Trust Company's Deposit or Withdrawal at Custodian system ("<u>DWAC</u>") Shares equal to such Purchaser's Subscription Amount divided by the Per Share Purchase Price, registered in the name of such Purchaser, to the account(s) identified by such Purchaser;
 - (iv) a Series A Warrant registered in the name of such Purchaser to purchase up to a number of shares of Common Stock equal to 50% of such Purchaser's Shares, with an initial exercise price equal to \$1.22 per share, subject to adjustment therein (such Warrant certificate may be delivered within three Trading Days of the Closing Date);
 - (v) a Series B Warrant registered in the name of such Purchaser to purchase up to a number of shares of Common Stock equal to 50% of such Purchaser's Shares, with an initial exercise price equal to \$1.22 per share, subject to adjustment therein (such Warrant certificate may be delivered within three Trading Days of the Closing Date); and
 - (vi) the Prospectus and Prospectus Supplement (which may be delivered in accordance with Rule 172 under the Securities Act).
- (b) On or prior to the Closing Date, each Purchaser shall deliver or cause to be delivered to the Company or the Escrow Agent, as applicable, the following:
 - (i) this Agreement duly executed by such Purchaser; and
 - (ii) to Escrow Agent, such Purchaser's Subscription Amount by wire transfer to the account specified in the Escrow Agreement.

2.3 <u>Closing Conditions.</u>

- (a) The obligations of the Company hereunder in connection with the Closing are subject to the following conditions being met:
 - (i) the accuracy in all material respects on the Closing Date of the representations and warranties of the Purchasers contained herein (unless as of a specific date therein in which case they shall be accurate as of such date);
 - (ii) all obligations, covenants and agreements of each Purchaser required to be performed at or prior to the Closing Date shall have been performed; and
 - (iii) the delivery by each Purchaser of the items set forth in Section 2.2(b) of this Agreement.
- (b) The respective obligations of the Purchasers hereunder in connection with the Closing are subject to the following conditions being met:
 - (i) the accuracy in all material respects when made and on the Closing Date of the representations and warranties of the Company contained herein (unless as of a specific date therein);
 - (ii) all obligations, covenants and agreements of the Company required to be performed at or prior to the Closing Date shall have been performed;
 - (iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement;
 - (iv) there shall have been no Material Adverse Effect with respect to the Company since the date hereof; and
 - (v) from the date hereof to the Closing Date, trading in the Common Stock shall not have been suspended by the Commission or the Company's principal Trading Market, and, at any time prior to the Closing Date, trading in securities generally as reported by Bloomberg L.P. shall not have been suspended or limited, or minimum prices shall not have been established on securities whose trades are reported by such service, or on any Trading Market, nor shall a banking moratorium have been declared either by the United States or New York State authorities nor shall there have occurred any material outbreak or escalation of hostilities or other national or international calamity of such magnitude in its effect on, or any material adverse change in, any financial market which, in each case, has not ended or terminated and in the reasonable judgment of such Purchaser, makes it impracticable or inadvisable to purchase the Securities at the Closing.

ARTICLE III. REPRESENTATIONS AND WARRANTIES

- 3.1 <u>Representations and Warranties of the Company</u>. Except as set forth in the Disclosure Schedules, which Disclosure Schedules shall be deemed a part hereof and shall qualify any representation, warranty or otherwise made herein to the extent of the disclosure contained in the corresponding section of the Disclosure Schedules, the Company hereby makes the following representations and warranties to each Purchaser:
 - (a) <u>Subsidiaries</u>. All of the direct and indirect subsidiaries of the Company are set forth on <u>Schedule 3.1(a)</u>. Except as set forth on <u>Schedule 3.1(a)</u>, the Company owns, directly or indirectly, such percentage of the capital stock or other equity interests of each Subsidiary, as set forth in the SEC Reports, free and clear of any Liens, and all of the issued and outstanding shares of capital stock of each Subsidiary owned by the Company are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase securities. If the Company has no subsidiaries, all other references to the Subsidiaries or any of them in the Transaction Documents shall be disregarded.
 - Organization and Qualification. The Company and each of the (b) Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Neither the Company nor any Subsidiary is in violation or default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, could not have or reasonably be expected to result in: (i) a material adverse effect on the legality, validity or enforceability of any Transaction Document, (ii) a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, or (iii) a material adverse effect on the Company's ability to perform in any material respect on a timely basis its obligations under any Transaction Document (any of (i), (ii) or (iii), a "Material Adverse Effect") and no Proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.
 - (c) <u>Authorization; Enforcement</u>. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and each of the other Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of this Agreement and each of the other Transaction Documents by the Company and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the

Company, the Board of Directors or the Company's stockholders in connection herewith or therewith, other than in connection with the Required Approvals. This Agreement and each other Transaction Document to which the Company is a party has been (or upon delivery will have been) duly executed by the Company and, when delivered in accordance with the terms hereof and thereof, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law and public policy (collectively, the "Enforceability Exceptions").

- (d) No Conflicts. Except as set forth on Schedule 3.1(d), the execution, delivery and performance by the Company of this Agreement and the other Transaction Documents to which it is a party, the issuance and sale of the Securities and the consummation by it of the transactions contemplated hereby and thereby do not and will not (i) conflict with or violate any provision of the Company's or any Subsidiary's certificate or articles of incorporation, bylaws or other organizational or charter documents, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt or other instrument (evidencing a Company or Subsidiary debt or otherwise) or other understanding to which the Company or any Subsidiary is a party or by which any property or asset of the Company or any Subsidiary is bound or affected, or (iii) subject to the Required Approvals, conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or a Subsidiary is subject (including federal, state and foreign securities laws and regulations), or by which any property or asset of the Company or a Subsidiary is bound or affected; except in the case of each of clauses (ii) and (iii), such as could not have or reasonably be expected to result in a Material Adverse Effect.
- (e) <u>Filings, Consents and Approvals</u>. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of the Transaction Documents, other than: (i) the filings required pursuant to Section 4.4 of this Agreement, (ii) the filing with the Commission of the Prospectus Supplement, (iii) application(s) to each applicable Trading Market for the listing of the Shares and Warrant Shares for trading thereon in the time and manner required thereby and (iv) such filings as are required to be made under applicable state securities laws (collectively, the "Required Approvals").
- (f) <u>Issuance of the Securities; Registration</u>. The Shares are duly authorized and, when issued and paid for in accordance with the applicable Transaction Documents,

will be duly and validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company. The Warrants are duly authorized, and when duly executed and delivered by the Company in accordance with the applicable Transaction Documents, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except as limited by the Enforceability Exceptions. The Warrant Shares, when issued in accordance with the terms of the Warrants, will be validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company. The Company has reserved from its duly authorized capital stock the maximum number of shares of Common Stock issuable pursuant to this Agreement and the Warrants. The Company has prepared and filed the Registration Statement in conformity with the requirements of the Securities Act, which became effective on January 10, 2014 (the "Effective Date"), including the Prospectus, and such amendments and supplements thereto as may have been required to the date of this Agreement. The Registration Statement is effective under the Securities Act and no stop order preventing or suspending the effectiveness of the Registration Statement or suspending or preventing the use of the Prospectus has been issued by the Commission and no proceedings for that purpose have been instituted or, to the knowledge of the Company, are threatened by the Commission. The Company, if required by the rules and regulations of the Commission, shall file the Prospectus, with the Commission pursuant to Rule 424(b). At the time the Registration Statement and any amendments thereto became effective, at the date of this Agreement and at the Closing Date, the Registration Statement and any amendments thereto conformed and will conform in all material respects to the requirements of the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading; and as of the date of the Prospectus Supplement and at the Closing Date, the Prospectus Supplement, when taken together with the Prospectus, and any amendments or supplements thereto, when taken together with the Prospectus and Prospectus Supplement and any amendments and supplements thereto prior to such date, conformed and will conform in all material respects to the requirements of the Securities Act and did not and will not contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading.

(g) <u>Capitalization</u>. The capitalization of the Company is as set forth on <u>Schedule 3.1(g)</u>, which <u>Schedule 3.1(g)</u> shall also include the number of shares of Common Stock, to the Knowledge of the Company, owned beneficially, and of record, by Affiliates of the Company as of the date hereof. Except as set forth on <u>Schedule 3.1(g)</u>, the Company has not issued any capital stock since its most recently filed periodic report under the Exchange Act, other than pursuant to the exercise of employee stock options under the Company's stock option plans, the issuance of shares of Common Stock to employees and consultants pursuant to the Company's employee stock incentive plans and pursuant to the conversion and/or exercise of Common Stock Equivalents outstanding as of the date of the most recently filed periodic report under the Exchange Act. Except as set forth on <u>Schedule 3.1(g)</u>, no Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents. Except as set forth on

Schedule 3.1(g) or as a result of the purchase and sale of the Securities, there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire any shares of Common Stock, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents. Except as set forth on Schedule 3.1(g), the issuance and sale of the Securities will not obligate the Company to issue shares of Common Stock or other securities to any Person (other than the Purchasers) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. All of the outstanding shares of capital stock of the Company are validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. No further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Securities. There are no stockholders agreements, voting agreements or other similar agreements with respect to the Company's capital stock to which the Company is a party or, to the Knowledge of the Company, between or among any of the Company's stockholders.

(h) SEC Reports; Financial Statements. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, for the two years preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, together with the Prospectus and the Prospectus Supplement, being collectively referred to herein as the "SEC Reports") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Company has never been an issuer subject to, or identified in, Rule 144(i) under the Securities Act. The financial statements of the Company included in the SEC Reports complied in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved ("GAAP"), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly presented in all material respects the financial position of the Company as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

- Material Changes; Undisclosed Events, Liabilities or Developments. (i) Since the date of the latest audited financial statements included within the SEC Reports, except as specifically disclosed in a subsequent SEC Report filed prior to the date hereof, (i) there has been no event, occurrence or development that has had or that could reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business consistent with past practice and (B) liabilities not required to be reflected in the Company's financial statements pursuant to GAAP or disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting (other than in accordance with pronouncements under GAAP), (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock and (v) the Company has not issued any equity securities to any officer, director or Affiliate, except pursuant to existing Company stock option plans. The Company does not have pending before the Commission any request for confidential treatment of information. Except for the issuance of the Securities contemplated by this Agreement or as set forth on Schedule 3.1(i), no event, liability, fact, circumstance, occurrence or development has occurred or exists or is reasonably expected to occur or exist with respect to the Company or its Subsidiaries or their respective businesses, properties, operations, assets or financial condition that would be required to be disclosed by the Company under applicable securities laws at the time this representation is made or deemed made that has not been publicly disclosed at least one Trading Day prior to the date that this representation is made.
- Litigation. There is no action, suit, inquiry, notice of violation, proceeding or investigation pending or, to the Knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an "Action") which (i) adversely affects or challenges the legality, validity or enforceability of any of the Transaction Documents or the Securities or (ii) would, if there were an unfavorable decision, have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the Knowledge of the Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company or any Subsidiary under the Exchange Act or the Securities Act.
- (k) <u>Labor Relations</u>. No labor dispute exists or, to the Knowledge of the Company, is imminent with respect to any of the employees of the Company, which would have or reasonably be expected to result in a Material Adverse Effect. None of the Company's or its Subsidiaries' employees is a member of a union that relates to such employee's relationship with the Company or such Subsidiary, and neither the Company

nor any of its Subsidiaries is a party to a collective bargaining agreement, and the Company and its Subsidiaries believe that their relationships with their employees are good. To the knowledge of the Company, no executive officer of the Company or any Subsidiary, is, or is now expected to be, in violation of any material term of any employment contract, confidentiality, disclosure or proprietary information agreement or non-competition agreement, or any other contract or agreement or any restrictive covenant in favor of any third party, and the continued employment of each such executive officer does not subject the Company or any of its Subsidiaries to any liability with respect to any of the foregoing matters. The Company and its Subsidiaries are in compliance with all U.S. federal, state, local and foreign laws and regulations relating to employment and employment practices, terms and conditions of employment and wages and hours, except where the failure to be in compliance could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

- (l) <u>Compliance</u>. Neither the Company nor any Subsidiary: (i) is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) is in violation of any judgment, decree or order of any court, arbitrator or other governmental authority or (iii) is or has been in violation of any statute, rule, ordinance or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws relating to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except in each case as would not have or reasonably be expected to result in a Material Adverse Effect.
- (m) <u>Regulatory Permits</u>. The Company and the Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state, local or foreign regulatory authorities necessary to conduct their respective businesses as described in the SEC Reports, except where the failure to possess such permits could not reasonably be expected to result in a Material Adverse Effect ("Material Permits"), and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any Material Permit, except where such revocation or modification would not reasonably be expected to have a Material Adverse Effect.
- (n) <u>Title to Assets</u>. Except as set forth on <u>Schedule 3.1(n)</u>, the Company and the Subsidiaries have good and marketable title in fee simple to all real property owned by them and good and marketable title in all personal property owned by them that is material to the business of the Company and the Subsidiaries, in each case free and clear of all Liens, except for (i) Liens as do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company and the Subsidiaries and (ii) Liens for the payment of federal, state or other taxes, for which appropriate reserves have been made in accordance with GAAP and, the payment of which is neither delinquent nor subject to penalties. Any real property and facilities held under lease by the Company and the Subsidiaries are held by

them under valid, subsisting and enforceable leases with which the Company and the Subsidiaries are in compliance in all material respects.

- Intellectual Property. The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other intellectual property rights and similar rights necessary or required for use in connection with their respective businesses as described in the SEC Reports and which the failure to so have could have a Material Adverse Effect (collectively, the "Intellectual Property Rights"). Neither the Company nor any Subsidiary has received a notice (written or otherwise) that any of the Intellectual Property Rights has expired, terminated or been abandoned, or is expected to expire or terminate or be abandoned, within two (2) years after the date of this Agreement except as could not have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary has received, since the date of the latest audited financial statements included within the SEC Reports, a written notice of a claim or otherwise has any knowledge that the Intellectual Property Rights violate or infringe upon the rights of any Person, except as could not have or reasonably be expected to result in a Material Adverse Effect. To the Knowledge of the Company, all such Intellectual Property Rights are enforceable and there is no existing infringement by another Person of any of the Intellectual Property Rights. The Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their intellectual properties, except where failure to do so could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.
- (p) <u>Insurance</u>. The Company and the Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as the Company believes are prudent and customary in the businesses in which the Company and the Subsidiaries are engaged, including, but not limited to, directors and officers insurance coverage at least equal to the aggregate Subscription Amount. Neither the Company nor any Subsidiary has any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business without a significant increase in cost that would have a Material Adverse Effect.
- (q) Transactions With Affiliates and Employees. Except as set forth in the SEC Reports and as set forth on Schedule 3.1(q), none of the officers or directors of the Company or any Subsidiary and, to the knowledge of the Company, none of the employees of the Company or any Subsidiary is presently a party to any transaction with the Company or any Subsidiary (other than for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, providing for the borrowing of money from or lending of money to or otherwise requiring payments to or from any officer, director or such employee or, to the Knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee, stockholder, member or partner, in each case in excess of \$120,000 other than for (i) payment of salary,

director compensation or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company and (iii) other employee benefits, including stock option agreements under any stock option plan of the Company.

- Sarbanes-Oxley; Internal Accounting Controls. The Company is in compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002 that are effective as of the date hereof, and any and all applicable rules and regulations promulgated by the Commission thereunder that are effective as of the date hereof and as of the Closing Date. The Company maintains a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company has established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and designed such disclosure controls and procedures to provide reasonable assurance that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms. The Company's certifying officers have evaluated the effectiveness of the disclosure controls and procedures of the Company as of the end of the period covered by the most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Evaluation Date, there have been no changes in the internal control over financial reporting (as such term is defined in the Exchange Act) of the Company that have materially affected, or is reasonably likely to materially affect, the internal control over financial reporting of the Company.
- (s) <u>Certain Fees.</u> Except as set forth in the Prospectus Supplement, no brokerage or finder's fees or commissions are or will be payable by the Company or any Subsidiary to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents. The Purchasers shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section that may be due in connection with the transactions contemplated by the Transaction Documents.
- (t) <u>Investment Company</u>. The Company is not, and is not an Affiliate of, and immediately after receipt of payment for the Securities, will not be or be an Affiliate of, an "investment company" within the meaning of the Investment Company Act of 1940, as amended. The Company shall conduct its business in a manner so that it will not become an "investment company" subject to registration under the Investment Company Act of 1940, as amended.

- (u) <u>Registration Rights</u>. Except as set forth on <u>Schedule 3.1(u)</u>, no Person has any right to cause the Company or any Subsidiary to effect the registration under the Securities Act of any securities of the Company or any Subsidiary.
- (v) Listing and Maintenance Requirements. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which, to the Knowledge of the Company, is likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. The Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. The Company is, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements. The Common Stock is currently eligible for electronic transfer through the Depository Trust Company or another established clearing corporation and the Company is current in payment of the fees to the Depository Trust Company (or such other established clearing corporation) in connection with such electronic transfer.
- (w) Application of Takeover Protections. The Company and the Board of Directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, interested stockholder, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company's certificate of incorporation (or similar charter documents) or the laws of its state of incorporation that is or could become applicable to the Purchasers as a result of the Purchasers and the Company fulfilling their obligations or exercising their rights under the Transaction Documents, including without limitation as a result of the Company's issuance of the Securities and the Purchasers' ownership of the Securities.
- (x)Disclosure. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company confirms that neither it nor any other Person acting on its behalf has provided any of the Purchasers or their agents or counsel with any information that it believes constitutes or might constitute material, non-public information which is not otherwise disclosed in the SEC The Company understands and confirms that the Purchasers will rely on the foregoing representation in effecting transactions in securities of the Company. All of the disclosure furnished by or on behalf of the Company to the Purchasers regarding the Company and its Subsidiaries, their respective businesses and the transactions contemplated hereby, including the Disclosure Schedules to this Agreement, is true and correct and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in light of the circumstances under which they were made, not misleading. The Company acknowledges and agrees that no Purchaser makes or has made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 3.2 hereof.

- (y) No Integrated Offering. Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2, neither the Company, nor any of its Affiliates, nor any Person acting on its or their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would cause this offering of the Securities to be integrated with prior offerings by the Company for purposes of any applicable stockholder approval provisions of any Trading Market on which any of the securities of the Company are listed or designated.
- (z) Solvency. Based on the consolidated financial condition of the Company as of the Closing Date, after giving effect to the receipt by the Company of the proceeds from the sale of the Securities hereunder, (i) the fair saleable value of the Company's assets exceeds the amount that will be required to be paid on or in respect of the Company's existing debts and other liabilities (including known contingent liabilities but excluding non-cash liabilities related to outstanding warrants) as they mature, (ii) the Company's assets do not constitute unreasonably small capital to carry on its business as now conducted and as proposed to be conducted including its capital needs taking into account the particular capital requirements of the business conducted by the Company, consolidated and projected capital requirements and capital availability thereof, and (iii) the current cash flow of the Company, together with the proceeds the Company would receive, were it to liquidate all of its assets, after taking into account all anticipated uses of the cash, would be sufficient to pay all amounts on or in respect of its liabilities when such amounts are required to be paid. The Company does not intend to incur debts beyond its ability to pay such debts as they mature (taking into account the timing and amounts of cash to be payable on or in respect of its debt). The Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from the Closing Date. Schedule 3.1(z) sets forth as of the date hereof all outstanding secured and unsecured Indebtedness of the Company or any Subsidiary, or for which the Company or any Subsidiary has commitments. For the purposes of this Agreement, "Indebtedness" means (x) any liabilities for borrowed money or amounts owed in excess of \$50,000 (other than trade accounts payable incurred in the ordinary course of business), (y) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others in excess of \$50,000, whether or not the same are or should be reflected in the Company's consolidated balance sheet (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (z) the present value of any lease payments in excess of \$50,000 due under leases required to be capitalized in accordance with GAAP. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness.
- (aa) <u>Tax Status.</u> Except for matters that would not, individually or in the aggregate, have or reasonably be expected to result in a Material Adverse Effect, the Company and its Subsidiaries each (i) has made or filed all United States federal, state and local income and all foreign income and franchise tax returns, reports and declarations required by any jurisdiction to which it is subject, (ii) has paid all taxes and other governmental assessments and charges that are material in amount, shown or

determined to be due on such returns, reports and declarations and (iii) has set aside on its books provision reasonably adequate for the payment of all material taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company or of any Subsidiary know of no basis for any such claim.

- (bb) <u>Foreign Corrupt Practices.</u> Neither the Company nor any Subsidiary, nor to the Knowledge of the Company or any Subsidiary, any agent or other person acting on behalf of the Company or any Subsidiary, has (i) directly or indirectly, used any funds for unlawful contributions, gifts, entertainment or other unlawful expenses related to foreign or domestic political activity, (ii) made any unlawful payment to foreign or domestic government officials or employees or to any foreign or domestic political parties or campaigns from corporate funds, (iii) failed to disclose fully any contribution made by the Company or any Subsidiary (or made by any person acting on its behalf of which the Company is aware) which is in violation of law, or (iv) violated in any material respect any provision of FCPA.
- (cc) <u>Accountants</u>. To the Knowledge of the Company, Meaden & Moore, Ltd., the Company's independent registered public accounting firm, (i) is a registered public accounting firm as required by the Exchange Act and (ii) shall express its opinion with respect to the financial statements to be included in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2013.
- (dd) <u>Acknowledgment Regarding Purchasers' Purchase of Securities</u>. The Company acknowledges and agrees that each of the Purchasers is acting solely in the capacity of an arm's length purchaser with respect to the Transaction Documents and the transactions contemplated thereby. The Company further acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated thereby and any advice given by any Purchaser or any of their respective representatives or agents in connection with the Transaction Documents and the transactions contemplated thereby is merely incidental to the Purchasers' purchase of the Securities. The Company further represents to each Purchaser that the Company's decision to enter into this Agreement and the other Transaction Documents has been based solely on the independent evaluation of the transactions contemplated hereby by the Company and its representatives.
- (ee) Acknowledgement Regarding Purchaser's Trading Activity. Anything in this Agreement or elsewhere herein to the contrary notwithstanding (except for Sections 3.2(g) and 4.14 hereof), it is understood and acknowledged by the Company that: (i) none of the Purchasers have been asked by the Company to agree, nor has any Purchaser agreed, to desist from effecting any transactions (including, without limitation, purchasing or selling, long and/or short) in any securities of the Company, or "derivative" securities based on securities issued by the Company or to hold the Securities for any specified term; (ii) past or future open market or other transactions by any Purchaser, specifically including, without limitation, Short Sales or "derivative" transactions, before

or after the closing of this or future transactions, may negatively impact the market price of the Company's publicly-traded securities; (iii) any Purchaser, and counter-parties in "derivative" transactions to which any such Purchaser is a party, directly or indirectly, presently may have a "short" position in the Common Stock, and (iv) each Purchaser shall not be deemed to have any affiliation with or control over any arm's length counterparty in any "derivative" transaction. The Company further understands and acknowledges that (y) one or more Purchasers may engage in hedging activities at various times during the period that the Securities are outstanding, including, without limitation, during the periods that the value of the Warrant Shares deliverable with respect to Securities are being determined, and (z) such hedging activities (if any) could reduce the value of the existing stockholders' equity interests in the Company at and after the time that the hedging activities are being conducted. The Company acknowledges that, subject to Sections 3.2(g) and 4.14, such aforementioned hedging activities do not constitute a breach of any of the Transaction Documents.

- (ff) Regulation M Compliance. The Company has not, and to its knowledge, no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Securities, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Securities, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company, other than, in the case of clauses (ii) and (iii), compensation paid to the Company's placement agent in connection with the placement of the Securities.
- FDA. As to each product subject to the jurisdiction of the U.S. Food and Drug Administration ("FDA") under the Federal Food, Drug and Cosmetic Act, as amended, and the regulations thereunder ("FDCA") that is manufactured, packaged, labeled, tested, distributed, sold, and/or marketed by the Company or any of its Subsidiaries (each such product, a "Pharmaceutical Product"), such Pharmaceutical Product is being manufactured, packaged, labeled, tested, distributed, sold and/or marketed by the Company in compliance with all applicable requirements under FDCA and similar laws, rules and regulations relating to registration, investigational use, premarket clearance, licensure, or application approval, good manufacturing practices, good laboratory practices, good clinical practices, product listing, quotas, labeling, advertising, record keeping and filing of reports, except where the failure to be in compliance would not reasonably be expected to have a Material Adverse Effect. There is no pending, completed or, to the Knowledge of the Company, threatened, action (including any lawsuit, arbitration, or legal or administrative or regulatory proceeding, charge, complaint, or investigation) against the Company or any of its Subsidiaries, and none of the Company or any of its Subsidiaries has received any notice, warning letter or other communication from the FDA or any other governmental entity, which (i) contests the premarket clearance, licensure, registration, or approval of, the uses of, the distribution of, the manufacturing or packaging of, the testing of, the sale of, or the labeling and promotion of any Pharmaceutical Product, (ii) withdraws its approval of, requests the recall, suspension, or seizure of, or withdraws or orders the withdrawal of advertising or sales promotional materials relating to, any Pharmaceutical Product, (iii)

imposes a clinical hold on any clinical investigation by the Company or any of its Subsidiaries, (iv) enjoins production at any facility of the Company or any of its Subsidiaries, (v) enters or proposes to enter into a consent decree of permanent injunction with the Company or any of its Subsidiaries, or (vi) otherwise alleges any violation of any laws, rules or regulations by the Company or any of its Subsidiaries, and which, either individually or in the aggregate, would have a Material Adverse Effect. The properties, business and operations of the Company have been and are being conducted in all material respects in accordance with all applicable laws, rules and regulations of the FDA. The Company has not been informed by the FDA that the FDA will prohibit the marketing, sale, license or use in the United States of any product proposed to be developed, produced or marketed by the Company nor has the FDA expressed any concern as to approving or clearing for marketing any product being developed or proposed to be developed by the Company.

- (hh) <u>Office of Foreign Assets Control.</u> Neither the Company nor any Subsidiary nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any Subsidiary is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department ("OFAC").
- (ii) <u>U.S. Real Property Holding Corporation</u>. The Company is not and has never been a U.S. real property holding corporation within the meaning of Section 897 of the Internal Revenue Code of 1986, as amended.
- (jj) <u>Bank Holding Company Act.</u> To the Knowledge of the Company, neither the Company nor any of its Subsidiaries or Affiliates is subject to the Bank Holding Company Act of 1956, as amended (the "<u>BHCA</u>") and to regulation by the Board of Governors of the Federal Reserve System (the "<u>Federal Reserve</u>"). Neither the Company nor any of its Subsidiaries or Affiliates owns or controls, directly or indirectly, five percent (5%) or more of the outstanding shares of any class of voting securities or twenty-five percent or more of the total equity of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve. Neither the Company nor any of its Subsidiaries or Affiliates exercises a controlling influence over the management or policies of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve.
- (kk) Money Laundering. To the Knowledge of the Company, the operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial record-keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, applicable money laundering statutes and applicable rules and regulations thereunder (collectively, the "Money Laundering Laws"), and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any Subsidiary with respect to the Money Laundering Laws is pending or, to the Knowledge of the Company, threatened.
- 3.2 <u>Representations and Warranties of the Purchasers</u>. Each Purchaser, for itself and for no other Purchaser, hereby represents and warrants as of the execution of this Agreement on the date hereof to the Company as follows (unless as of a specific date therein):

- Organization; Authority. Such Purchaser is either an individual or an (a) entity duly incorporated or formed, validly existing and in good standing under the laws of the jurisdiction of its incorporation or formation with full right, corporate, partnership, limited liability company or similar power and authority to enter into and to consummate the transactions contemplated by this Agreement and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of this Agreement and performance by such Purchaser of the transactions contemplated by this Agreement have been duly authorized by all necessary corporate, partnership, limited liability company or similar action, as applicable, on the part of such Purchaser. Each Transaction Document to which it is a party has been duly executed by such Purchaser, and when delivered by such Purchaser in accordance with the terms hereof, will constitute the valid and legally binding obligation of such Purchaser, enforceable against it in accordance with its terms, except: (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.
- No Conflicts. The execution, delivery and performance of the Transaction Documents to which it is a party by such Purchaser and the consummation by such Purchaser of the transactions contemplated thereby do not and will not: (i) conflict with or violate, if such Purchaser is an entity, any provision of the Purchaser's certificate or articles of incorporation, bylaws or other organizational or charter documents, (ii) violate, or constitute a default (or an event which with notice or lapse of time or both would become a default) under, or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse or time or both) of, any agreement, credit facility, debt or other instrument to which such Purchaser is a party or (iii) result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which such Purchaser is subject (including federal and state securities laws and regulations) or by which any property or asset of such Purchaser is bound or affected; except in the case of clauses (ii) and (iii) above, for such conflicts, defaults, rights or violations which would not individually or in the aggregate, reasonably be expected to have a material adverse effect on the transactions contemplated hereby or in the other Transaction Documents or the authority or ability of such Purchaser to perform it obligations under the Transaction Documents.
- (c) <u>Understandings or Arrangements</u>. Such Purchaser is acquiring the Securities as principal for its own account and has no direct or indirect arrangement or understandings with any other persons to distribute or regarding the distribution of such Securities (this representation and warranty not limiting such Purchaser's right to sell the Securities pursuant to the Registration Statement or otherwise in compliance with applicable federal and state securities laws). Such Purchaser is acquiring the Securities hereunder in the ordinary course of its business.
- (d) <u>Purchaser Status</u>. At the time such Purchaser was offered the Securities, it was, and as of the date hereof it is, and on each date on which it exercises any Warrants, it will be either: (i) an "accredited investor" as defined in Rule 501(a)(1), (a)(2), (a)(7)

or (a)(8) under the Securities Act or (ii) a "qualified institutional buyer" as defined in Rule 144A(a) under the Securities Act.

- (e) <u>Experience of Such Purchaser</u>. Such Purchaser, either alone or together with its representatives, has such knowledge, sophistication and experience in business and financial matters so as to be capable of evaluating the merits and risks of the prospective investment in the Securities, and has so evaluated the merits and risks of such investment. Such Purchaser is able to bear the economic risk of an investment in the Securities and, at the present time, is able to afford a complete loss of such investment.
- Access to Information. Such Purchaser acknowledges that it has had the (f) opportunity to review the Transaction Documents (including all exhibits and schedules thereto) and the SEC Reports and has been afforded (i) the opportunity to ask such questions as it has deemed necessary of, and to receive answers from, representatives of the Company concerning the terms and conditions of the offering of the Securities and the merits and risks of investing in the Securities; (ii) access to information about the Company and its financial condition, results of operations, business, properties, management and prospects sufficient to enable it to evaluate its investment; and (iii) the opportunity to obtain such additional information that the Company possesses or can acquire without unreasonable effort or expense that is necessary to make an informed investment decision with respect to the investment. Such Purchaser acknowledges and agrees that neither the Placement Agent nor any Affiliate of the Placement Agent has provided such Purchaser with any information or advice with respect to the Securities nor is such information or advice necessary or desired. Neither the Placement Agent nor any Affiliate has made or makes any representation as to the Company or the quality of the Securities and the Placement Agent and any Affiliate may have acquired non-public information with respect to the Company which such Purchaser agrees need not be provided to it. In connection with the issuance of the Securities to such Purchaser, neither the Placement Agent nor any of its Affiliates has acted as a financial advisor or fiduciary to such Purchaser.
- Certain Transactions and Confidentiality. Other than consummating the transactions contemplated hereunder, such Purchaser has not, nor has any Person acting on behalf of or pursuant to any understanding with such Purchaser, directly or indirectly executed any purchases or sales, including Short Sales, of the securities of the Company during the period commencing as of the time that such Purchaser first received a term sheet (written or oral) from the Company or any other Person representing the Company setting forth the material terms of the transactions contemplated hereunder and ending immediately prior to the execution hereof. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the representation set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement. Other than to other Persons party to this Agreement, such Purchaser has maintained the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction). Each Purchaser acknowledges that they have had the opportunity to read the

Prospectus, the Prospectus Supplement, the Registration Statement and the SEC Reports. Notwithstanding the foregoing, for avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to the identification of the availability of, or securing of, available shares to borrow in order to effect Short Sales or similar transactions in the future.

- (h) <u>Disclosure Package</u>. Such Purchaser represents that it has received (or otherwise had made available to it by the filing by the Company of an electronic version thereof with the Commission) the Prospectus, dated December 10, 2013, which is a part of the Registration Statement, the documents incorporated by reference therein and any free writing prospectus (collectively, the "<u>Disclosure Package</u>"), prior to or in connection with the receipt of this Agreement. Such Purchaser acknowledges that, prior to the delivery of this Agreement to the Company, such Purchaser will receive certain additional information regarding the offering contemplated by this Agreement, including pricing information. Such information may be provided to the Purchaser by any means permitted under the Securities Act, including the Prospectus Supplement, a free writing prospectus and oral communications.
- (i) <u>Disclosure</u>. Such Purchaser acknowledges and agrees that the Company is not making any representation or warranty and has not made any representation or warranty other than those set forth in the Transaction Documents.

The Company acknowledges and agrees that the representations contained in Section 3.2 shall not modify, amend or affect such Purchaser's right to rely on the Company's representations and warranties contained in this Agreement or any representations and warranties contained in the Transaction Documents.

ARTICLE IV. OTHER AGREEMENTS OF THE PARTIES

- 4.1 <u>Warrant Shares</u>. If all or any portion of a Warrant is exercised at a time when there is an effective registration statement to cover the issuance or resale of the Warrant Shares or if the Warrant is exercised via cashless exercise, the Warrant Shares issued pursuant to any such exercise shall be issued free of all legends. If at any time following the date hereof, the Registration Statement (or any subsequent registration statement registering the sale or resale of the Warrant Shares) is not effective or is not otherwise available for the sale or resale of the Warrant Shares, the Company shall immediately notify the holders of the Warrants in writing that such registration statement is not then effective and thereafter shall promptly notify such holders when the registration statement is effective again and available for the sale or resale of the Warrant Shares (it being understood and agreed that the foregoing shall not limit the ability of the Company to issue, or any Purchaser to sell, any of the Warrant Shares in compliance with applicable federal and state securities laws). The Company shall use its best efforts to keep a registration statement (including the Registration Statement) registering the issuance or resale of the Warrant Shares effective during the term of the Warrants.
- 4.2 <u>Furnishing of Information</u>. Until the earliest of the time that (i) no Purchaser owns Securities or (ii) the Warrants have expired, the Company covenants to timely file (or

obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to the Exchange Act even if the Company is not then subject to the reporting requirements of the Exchange Act.

- 4.3 <u>Integration</u>. The Company shall not sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that would be integrated with the offer or sale of the Securities for purposes of the rules and regulations of any Trading Market on which the Company's securities are listed or quoted such that it would require stockholder approval prior to the closing of such other transaction unless stockholder approval is obtained before the closing of such subsequent transaction.
- Securities Laws Disclosure; Publicity. The Company shall (a) on or before 9:30 a.m. (New York City time) on the Trading Day immediately following the date hereof, issue a press release disclosing the material terms of the transactions contemplated hereby, and (b) file a Current Report on Form 8-K, including the Transaction Documents as exhibits thereto, with the Commission within the time required by the Exchange Act. From and after the issuance of the press release, the Company represents to the Purchasers that it shall have publicly disclosed all material, non-public information delivered to any of the Purchasers by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees or agents in connection with the transactions contemplated by the Transaction Documents. The Company may issue any press release or file any Current Report in accordance with the first sentence of this Section 4.4 without the prior consent of any Purchaser, so long as such disclosures are made in accordance with this Section 4.4. The Company and each Purchaser shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor any Purchaser shall issue any such press release nor otherwise make any such public statement without the prior consent of the Company, with respect to any press release of any Purchaser, or without the prior consent of each Purchaser, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall promptly provide the other party with prior notice of such public statement or communication. The Company shall not publicly disclose the name of any Purchaser, or include the name of any Purchaser in any filing with the Commission or any regulatory agency or Trading Market, without the prior written consent of such Purchaser, except (a) as required by federal securities law in connection with the filing of final Transaction Documents with the Commission and (b) to the extent such disclosure is required by law or Trading Market regulations, in which case the Company shall provide the Purchasers with prior notice of such disclosure permitted under this clause (b).
- 4.5 <u>Stockholder Rights Plan</u>. No claim will be made or enforced by the Company or, with the consent of the Company, any other Person, that any Purchaser is an "Acquiring Person" under any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or similar anti-takeover plan or arrangement in effect or hereafter adopted by the Company, or that any Purchaser could be deemed to trigger the provisions of any such plan or arrangement, by virtue of receiving Securities under the Transaction Documents or under any other agreement between the Company and the Purchasers.
- 4.6 <u>Non-Public Information</u>. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company covenants and

agrees that neither it, nor any other Person acting on its behalf, will provide any Purchaser or its agents or counsel with any information that the Company believes constitutes material non-public information, unless prior thereto such Purchaser shall have entered into a written agreement with the Company regarding the confidentiality and use of such information. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company.

- 4.7 <u>Use of Proceeds</u>. Except as set forth on <u>Schedule 4.7</u> attached hereto, the Company shall use the net proceeds from the sale of the Securities hereunder for working capital purposes and shall not use such proceeds: (a) for the satisfaction of any portion of the Company's debt (other than payment of trade payables in the ordinary course of the Company's business and prior practices), (b) for the redemption of any Common Stock or Common Stock Equivalents, (c) for the settlement of any outstanding litigation or (d) in violation of FCPA or OFAC regulations.
- Indemnification of Purchasers. Subject to the provisions of this Section 4.8, the Company will indemnify and hold each Purchaser and its directors, officers, stockholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls such Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, stockholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling persons (each, a "Purchaser Party") harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys' fees and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (a) any material breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement or in the other Transaction Documents or (b) any action instituted against the Purchaser Parties in any capacity, or any of them or their respective Affiliates, by any stockholder of the Company who is not an Affiliate of such Purchaser Party, with respect to any of the transactions contemplated by the Transaction Documents (unless such action is based upon a breach of such Purchaser Party's representations, warranties or covenants under the Transaction Documents or any agreements or understandings such Purchaser Party may have with any such stockholder or any violations by such Purchaser Party of state or federal securities laws or any conduct by such Purchaser Party which constitutes fraud, gross negligence, willful misconduct or malfeasance). If any action shall be brought against any Purchaser Party in respect of which indemnity may be sought pursuant to this Agreement, such Purchaser Party shall promptly notify the Company in writing, and the Company shall have the right to assume the defense thereof with counsel of its own choosing reasonably acceptable to the Purchaser Party. Any Purchaser Party shall have the right to employ separate counsel in any such action and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Purchaser Party except to the extent that (i) the employment thereof has been specifically authorized by the Company in writing, (ii) the Company has failed after a reasonable period of time to assume such defense and to employ counsel or (iii) in such action there is, in the reasonable opinion of counsel, a material conflict on any material issue between the position of the Company and the position of such Purchaser Party, in which case the Company shall be

responsible for the reasonable fees and expenses of no more than one such separate counsel. The Company will not be liable to any Purchaser Party under this Agreement (y) for any settlement by a Purchaser Party effected without the Company's prior written consent, which shall not be unreasonably withheld or delayed; or (z) to the extent, but only to the extent that a loss, claim, damage or liability is attributable to any Purchaser Party's breach of any of the representations, warranties, covenants or agreements made by such Purchaser Party in this Agreement or in the other Transaction Documents. The indemnification required by this Section 4.8 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or are incurred. The indemnity agreements contained herein shall be in addition to any cause of action or similar right of any Purchaser Party against the Company or others and any liabilities the Company may be subject to pursuant to law.

- 4.9 <u>Reservation of Common Stock</u>. As of the date hereof, the Company has reserved and the Company shall continue to reserve and keep available at all times, free of preemptive rights, a sufficient number of shares of Common Stock for the purpose of enabling the Company to issue Shares pursuant to this Agreement and Warrant Shares pursuant to any exercise of the Warrants.
- Listing of Common Stock. The Company hereby agrees to use its best efforts to maintain the listing or quotation of the Common Stock on the Trading Market on which it is currently listed, and concurrently with the Closing, the Company shall apply to list or quote all of the Shares and Warrant Shares on such Trading Market and promptly secure the listing of all of the Shares and Warrant Shares on such Trading Market. The Company further agrees, if the Company applies to have the Common Stock traded on any other Trading Market, it will then include in such application all of the Shares and Warrant Shares, and will take such other action as is necessary to cause all of the Shares and Warrant Shares to be listed or quoted on such other Trading Market as promptly as possible. The Company will then take all action reasonably necessary to continue the listing and trading of its Common Stock on a Trading Market and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of the Trading Market. The Company agrees to maintain the eligibility of the Common Stock for electronic transfer through the Depository Trust Company or another established clearing corporation, including, without limitation, by timely payment of fees to the Depository Trust Company or such other established clearing corporation in connection with such electronic transfer.

4.11 Participation in Future Financing.

(a) From the date hereof until the date that is the 12 month anniversary of the Closing Date, upon any issuance by the Company or any of its Subsidiaries of Common Stock or Common Stock Equivalents for cash consideration, Indebtedness or a combination of units thereof (a "Subsequent Financing"), each Purchaser shall have the right, subject to Section 4.11(e) herein, to participate in up to an amount of the Subsequent Financing equal to 50% of the Subsequent Financing (the "Participation Maximum") on the same terms, conditions and price provided for in the Subsequent Financing.

- (b) Approximately three (3) Trading Days prior to the closing of the Subsequent Financing, the Company shall deliver to each Purchaser a written notice of its intention to effect a Subsequent Financing (a "Subsequent Financing Notice"). The Subsequent Financing Notice shall describe in reasonable detail the proposed terms of such Subsequent Financing, the amount of proceeds intended to be raised thereunder and the Person or Persons through or with whom such Subsequent Financing is proposed to be effected and shall include a term sheet or similar document relating thereto as an attachment.
- (c) Any Purchaser desiring to participate in such Subsequent Financing must provide written notice to the Company by not later than 5:30 p.m. (New York City time) on the third (3rd) Trading Day after all of the Purchasers have received the Subsequent Financing Notice that the Purchaser is willing to participate in the Subsequent Financing, the amount of such Purchaser's participation, and representing and warranting that such Purchaser has such funds ready, willing, and available for investment on the terms set forth in the Subsequent Financing Notice. If the Company receives no such notice from a Purchaser as of such third (3rd) Trading Day, such Purchaser shall be deemed to have notified the Company that it does not elect to participate.
- (d) If by 5:30 p.m. (New York City time) on the third (3rd) Trading Day after all of the Purchasers have received the Subsequent Financing Notice, notifications by the Purchasers of their willingness to participate in the Subsequent Financing (or to cause their designees to participate) is, in the aggregate, less than the total amount of the Participation Maximum, then the Company may effect the remaining portion of such Subsequent Financing on the terms and with the Persons set forth in the Subsequent Financing Notice.
- (e) If by 5:30 p.m. (New York City time) on the third (3rd) Trading Day after all of the Purchasers have received the Subsequent Financing Notice, the Company receives responses to a Subsequent Financing Notice from Purchasers seeking to purchase more than the aggregate amount of the Participation Maximum, each such Purchaser shall have the right to purchase only its Pro Rata Portion (as defined below) of the Participation Maximum. "Pro Rata Portion" means the ratio of (x) the Subscription Amount of Securities purchased on the Closing Date by a Purchaser participating under this Section 4.11 and (y) the sum of the aggregate Subscription Amounts of Securities purchased on the Closing Date by all Purchasers participating under this Section 4.11.
- (f) The Company must provide the Purchasers with a second Subsequent Financing Notice, and the Purchasers will again have the right of participation set forth above in this Section 4.11, if the Subsequent Financing subject to the initial Subsequent Financing Notice is not consummated for any reason on the terms set forth in such Subsequent Financing Notice within 30 Trading Days after the date of the initial Subsequent Financing Notice.
- (g) The Company and each Purchaser agree that if any Purchaser elects to participate in the Subsequent Financing, the transaction documents related to the Subsequent Financing shall not include any term or provision whereby such Purchaser

shall be required to agree to any restrictions on trading as to any of the Securities purchased hereunder or be required to consent to any amendment to or termination of, or grant any waiver, release or the like under or in connection with, this Agreement, without the prior written consent of such Purchaser.

- (h) Notwithstanding anything to the contrary in this Section 4.11 and unless otherwise agreed to by such Purchaser, the Company shall either confirm in writing to such Purchaser that the transaction with respect to the Subsequent Financing has been abandoned or shall publicly disclose its intention to issue the securities in the Subsequent Financing, in either case in such a manner such that such Purchaser will not be in possession of any material, non-public information, by the sixth (6th) Business Day following delivery of the Subsequent Financing Notice. If by such sixth (6th) Business Day, no public disclosure regarding a transaction with respect to the Subsequent Financing has been made, and no notice regarding the abandonment of such transaction has been received by such Purchaser, such transaction shall be deemed to have been abandoned and such Purchaser shall not be deemed to be in possession of any material, non-public information with respect to the Company or any of its Subsidiaries.
- (i) Notwithstanding the foregoing, this Section 4.11 shall not apply in respect of an Exempt Issuance.

4.12 Subsequent Equity Sales.

- (a) From the date hereof through the 90th day after the Closing Date, neither the Company nor any of its Subsidiaries shall, directly or indirectly, issue, offer, sell, grant any option or right to purchase, or otherwise dispose of (or announce any issuance, offer, sale, grant of any option or right to purchase or other disposition of) any equity security or any equity-linked or related security (including, without limitation, any "equity security" (as that term is defined under Rule 405 promulgated under the Securities Act), any Common Stock Equivalents, any debt, any preferred stock or any purchase rights); provided, however, that the 90 day period set forth in this Section 4.12 shall be extended for the number of Trading Days during such period in which trading in the Common Stock is suspended by any Trading Market.
- (b) From the date hereof until the eighteen (18) month anniversary of the Closing Date, the Company shall be prohibited from effecting or entering into an agreement to effect any issuance by the Company or any of its Subsidiaries of Common Stock or Common Stock Equivalents for cash consideration (or a combination of units hereof) involving a Variable Rate Transaction. "Variable Rate Transaction" means a transaction in which the Company (i) issues or sells any debt or equity securities that are convertible into, exchangeable or exercisable for, or include the right to receive additional shares of Common Stock either (A) at a conversion price, exercise price or exchange rate or other price that is based upon and/or varies with the trading prices of or quotations for the shares of Common Stock at any time after the initial issuance of such debt or equity securities, or (B) with a conversion, exercise or exchange price that is subject to being reset at some future date after the initial issuance of such debt or equity security or upon the occurrence of specified or contingent events directly or indirectly

related to the business of the Company or the market for the Common Stock or (ii) enters into any agreement, including, but not limited to, an equity line of credit, whereby the Company may sell securities at a future determined price. Any Purchaser shall be entitled to obtain injunctive relief against the Company to preclude any such issuance, which remedy shall be in addition to any right to collect damages.

- (c) Notwithstanding the foregoing, this Section 4.12 shall not apply in respect of an Exempt Issuance, except that no Variable Rate Transaction shall be an Exempt Issuance.
- 4.13 Equal Treatment of Purchasers. No consideration (including any modification of any Transaction Document) shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of this Agreement unless the same consideration is also offered to all of the parties to this Agreement. For clarification purposes, this provision constitutes a separate right granted to each Purchaser by the Company and negotiated separately by each Purchaser, and is intended for the Company to treat the Purchasers as a class and shall not in any way be construed as the Purchasers acting in concert or as a group with respect to the purchase, disposition or voting of Securities or otherwise.
- 4.14 Certain Transactions and Confidentiality. Each Purchaser, severally and not jointly with the other Purchasers, covenants that neither it nor any Affiliate acting on its behalf or pursuant to any understanding with it will execute any purchases or sales, including Short Sales of any of the Company's securities during the period commencing with the execution of this Agreement and ending at such time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.4. Each Purchaser, severally and not jointly with the other Purchasers, covenants that until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company pursuant to the initial press release as described in Section 4.4, such Purchaser will maintain the confidentiality of the existence and terms of this transaction and the information included in the Disclosure Schedules. Notwithstanding the foregoing, and notwithstanding anything contained in this Agreement to the contrary, the Company expressly acknowledges and agrees that (i) no Purchaser makes any representation, warranty or covenant hereby that it will not engage in effecting transactions in any securities of the Company after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.4, (ii) no Purchaser shall be restricted or prohibited from effecting any transactions in any securities of the Company in accordance with applicable securities laws from and after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.4. Except as otherwise agreed under this Section 4.14, no Purchaser shall have any duty of confidentiality to the Company or its Subsidiaries after the issuance of the initial press release as described in Section 4.4. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the covenant set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement.

- 4.15 <u>Capital Changes</u>. Until the one year anniversary of the Closing Date, the Company shall not undertake a reverse or forward stock split or reclassification of the Common Stock without the prior written consent of the Purchasers holding a majority in interest of the Shares; <u>provided</u>, <u>however</u>, that this Section 4.15 shall not apply solely in connection with any reverse stock split conducted to maintain compliance with the listing standards of the Trading Market.
- 4.16 Exercise Procedures. The form of Notice of Exercise included in the Warrants set forth the totality of the procedures required of the Purchasers in order to exercise the Warrants. No additional legal opinion, other information or instructions shall be required of the Purchasers to exercise their Warrants. Without limiting the preceding sentences, no ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise form be required in order to exercise the Warrants. The Company shall honor exercises of the Warrants and shall deliver Warrant Shares in accordance with the terms, conditions and time periods set forth in the Transaction Documents.

ARTICLE V.MISCELLANEOUS

- 5.1 <u>Termination</u>. This Agreement may be terminated by any Purchaser, as to such Purchaser's obligations hereunder only and without any effect whatsoever on the obligations between the Company and the other Purchasers, by written notice to the other parties, if the Closing has not been consummated on or before January 20, 2014; <u>provided</u>, <u>however</u>, that no such termination will affect the right of any party to sue for any breach by any other party (or parties).
- 5.2 <u>Fees and Expenses</u>. Except as expressly set forth in the Transaction Documents to the contrary, each party shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees (including, without limitation, any fees required for same-day processing of any instruction letter delivered by the Company and any exercise notice delivered by a Purchaser), stamp taxes and other taxes and duties levied in connection with the delivery of any Securities to the Purchasers.
- 5.3 Entire Agreement. The Transaction Documents, together with the exhibits and schedules thereto, the Prospectus and the Prospectus Supplement, contain the entire understanding of the parties solely with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, oral or written, solely with respect to such matters, which the parties acknowledge have been merged into such documents, exhibits and schedules; provided, however, nothing contained in this Agreement or any other Transaction Document shall (or shall be deemed to) (i) have any effect on any agreements any Purchaser has entered into with the Company or any of its Subsidiaries prior to the date hereof with respect to any prior investment made by such Purchaser in the Company or (ii) waive, alter, modify or amend in any respect any obligations of the Company or any of its Subsidiaries, or any rights of or benefits to any Purchaser or any other Person, in any agreement entered into prior to the date

hereof between or among the Company and/or any of its Subsidiaries and any Purchaser and all such agreements shall continue in full force and effect.

- Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of: (a) the date of transmission, if such notice or communication is delivered via facsimile or e-mail at the facsimile number or e-mail address set forth on the signature pages attached hereto prior to 5:30 p.m. (New York City time) on a Trading Day, (b) the next Trading Day after the date of transmission, if such notice or communication is delivered via facsimile or e-mail at the facsimile number or e-mail address set forth on the signature pages attached hereto on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (c) the second (2nd) Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service or (d) upon actual receipt by the party to whom such notice is required to be given. The address for such notices and communications shall be as set forth on the signature pages attached hereto.
- 5.5 Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and Purchasers having original Subscription Amounts totaling at least a majority of the aggregate original Subscription Amounts at the Closing, or, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right.
- 5.6 <u>Headings</u>. The headings herein are for convenience only, do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.
- 5.7 <u>Successors and Assigns</u>. This Agreement shall be binding upon and inure to the benefit of the parties and their successors and permitted assigns. The Company may not assign this Agreement or any rights or obligations hereunder without the prior written consent of each Purchaser (other than by merger). Prior to the Closing Date, no Purchaser may assign any or all of its rights under this Agreement to any Person without the prior written consent of the Company. After the Closing Date, any Purchaser may assign any or all of its rights under this Agreement to any Person to whom such Purchaser assigns or transfers any Securities, provided that such transferee agrees in writing to be bound, with respect to the transferred Securities, by the provisions of the Transaction Documents that apply to the "Purchasers."
- 5.8 <u>Third-Party Beneficiaries</u>. The Placement Agent shall be a third party beneficiary with respect to the representations and warranties of the Company in Section 3.1 herein and the representations and warranties of the Purchasers in Section 3.2 herein. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as otherwise set forth in Section 4.8 and this Section 5.8.

- Governing Law. All questions concerning the construction, validity, enforcement 5.9 and interpretation of the Transaction Documents shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all legal proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective affiliates, directors, officers, shareholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is improper or is an inconvenient venue for such proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If either party shall commence an action, suit or proceeding to enforce any provisions of the Transaction Documents, then, in addition to the obligations of the Company under Section 4.8, the prevailing party in such action, suit or proceeding shall be reimbursed by the other party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding.
- 5.10 <u>Survival</u>. The representations and warranties contained herein shall survive the Closing and the delivery of the Securities for a period of three (3) years from the Closing Date.
- 5.11 Execution. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to each other party, it being understood that the parties need not sign the same counterpart. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.
- 5.12 Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their commercially reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that

they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

- 5.13 Rescission and Withdrawal Right. Notwithstanding anything to the contrary contained in (and without limiting any similar provisions of) any of the other Transaction Documents, whenever any Purchaser exercises a right, election, demand or option under a Transaction Document and the Company does not timely perform its related obligations within the periods therein provided, then such Purchaser may rescind or withdraw, in its sole discretion from time to time upon written notice to the Company, any relevant notice, demand or election in whole or in part without prejudice to its future actions and rights; provided, however, that in the case of a rescission of an exercise of a Warrant, the applicable Purchaser shall be required to return any shares of Common Stock subject to any such rescinded exercise notice concurrently with the return to such Purchaser of the aggregate exercise price paid to the Company for such Warrant Shares and the restoration of such Purchaser's right to acquire such Warrant Shares pursuant to such Purchaser's Warrant (including, issuance of a replacement warrant certificate evidencing such restored right).
- 5.14 <u>Replacement of Securities</u>. If any certificate or instrument evidencing any Securities is mutilated, lost, stolen or destroyed, the Company shall issue or cause to be issued in exchange and substitution for and upon cancellation thereof (in the case of mutilation), or in lieu of and substitution therefor, a new certificate or instrument, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction. The applicant for a new certificate or instrument under such circumstances shall also execute a customary affidavit and pay any reasonable third-party costs (including customary indemnity) associated with the issuance of such replacement Securities.
- 5.15 Remedies. In addition to being entitled to exercise all rights provided herein or granted by law, including recovery of damages, each of the Purchasers and the Company will be entitled to specific performance under the Transaction Documents. The parties agree that monetary damages may not be adequate compensation for any loss incurred by reason of any breach of obligations contained in the Transaction Documents and hereby agree to waive and not to assert in any action for specific performance of any such obligation the defense that a remedy at law would be adequate.
- 5.16 Payment Set Aside. To the extent that the Company makes a payment or payments to any Purchaser pursuant to any Transaction Document or a Purchaser enforces or exercises its rights thereunder, and such payment or payments or the proceeds of such enforcement or exercise or any part thereof are subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, disgorged by or are required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver or any other Person under any law (including, without limitation, any bankruptcy law, state or federal law, common law or equitable cause of action), then to the extent of any such restoration the obligation or part thereof originally intended to be satisfied shall be revived and continued in full force and effect as if such payment had not been made or such enforcement or setoff had not occurred.
- 5.17 <u>Independent Nature of Purchasers' Obligations and Rights</u>. The obligations of each Purchaser under any Transaction Document are several and not joint with the obligations of

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any other Purchaser, and no Purchaser shall be responsible in any way for the performance or non-performance of the obligations of any other Purchaser under any Transaction Document. Nothing contained herein or in any other Transaction Document, and no action taken by any Purchaser pursuant hereto or thereto, shall be deemed to constitute the Purchasers as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Purchaser shall be entitled to independently protect and enforce its rights including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Purchaser to be joined as an additional party in any proceeding for such purpose. Each Purchaser has been represented by its own separate legal counsel in its review and negotiation of the Transaction Documents. For reasons of administrative convenience only, each Purchaser and its respective counsel have chosen to communicate with the Company through EGS. EGS does not represent any of the Purchasers and only represents the Placement Agent. The Company has elected to provide all Purchasers with the same terms and Transaction Documents for the convenience of the Company and not because it was required or requested to do so by any of the It is expressly understood and agreed that each provision contained in this Purchasers. Agreement and in each other Transaction Document is between the Company and a Purchaser, solely, and not between the Company and the Purchasers collectively and not between and among the Purchasers.

- 5.18 <u>Liquidated Damages</u>. The Company's obligations to pay any partial liquidated damages or other amounts owing under the Transaction Documents is a continuing obligation of the Company and shall not terminate until all unpaid partial liquidated damages and other amounts have been paid notwithstanding the fact that the instrument or security pursuant to which such partial liquidated damages or other amounts are due and payable shall have been canceled.
- 5.19 <u>Saturdays, Sundays, Holidays, etc.</u> If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then such action may be taken or such right may be exercised on the next succeeding Business Day.
- 5.20 <u>Construction</u>. The parties agree that each of them and/or their respective counsel have reviewed and had an opportunity to revise the Transaction Documents and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Transaction Documents or any amendments thereto. In addition, each and every reference to share prices and shares of Common Stock in any Transaction Document shall be subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the date of this Agreement.
- 5.21 <u>WAIVER OF JURY TRIAL</u>. <u>IN ANY ACTION, SUIT, OR PROCEEDING IN ANY JURISDICTION BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY, THE PARTIES EACH KNOWINGLY AND INTENTIONALLY, TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, HEREBY</u>

ABSOLUTELY, UNCONDITIONALLY, IRREVOCABLY AND EXPRESSLY WAIVES FOREVER TRIAL BY JURY.

(Signature Pages Follow)

IN WITNESS WHEREOF, the parties hereto have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

CLEVELAND BIOLABS, INC.

Address for Notice: 73 High Street

Buffalo, NY 14203 Fax: 716-849-6820

Name: Yakov Kogan, Ph.D., MBA Title Chief Executive Officer

With a copy to (which shall not constitute notice):

Cooley LLP

By:

Attn: Marc Recht 500 Boylston Street Boston, MA 02116 Fax: (617) 937-2400

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK SIGNATURE PAGE FOR PURCHASER FOLLOWS]

[PURCHASER SIGNATURE PAGES TO CBUT SECURITIES PURCHASE AGREEMENT]
IN WITNESS WHEREOF, the undersigned have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.
Name of Purchaser:Sabby Volatility Warrant Master Fund, Ltd.
Signature of Authorized Signatory of Purchaser:
Name of Authorized Signatory: <u>Robert Grundstein</u>
Title of Authorized Signatory: COO of Purchaser's Investment Manager
Email Address of Authorized Signatory: <u>rgrundstein@sabbycapital.com</u>
Facsimile Number of Authorized Signatory: _201 661 8654
Address for Notice to Purchaser: c/o Sabby Management, LLC, 10 Mountainview Road, Suite 205, Upper Saddle River, NJ 07458
Address for Delivery of Securities to Purchaser (if not same as address for notice): Bank America Merrill Lynch, One Bryant Park – 6 th Floor, New York, NY10036, Attn: Miguelina Seda
Subscription Amount: \$ 1,249,999.80 @ \$1.22

[SIGNATURE PAGES CONTINUE]

EIN Number: <u>98-1017380</u>

Warrant Shares: 512,295 18 Munth Dr 512,295 5 Nr. (911 \$1,22)

[PURCHASER SIGNATURE PAGES TO A SECURITIES PURCHASE AGREEMENT]

IN WITNESS WHEREOF, the undersigned have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

Name of Purchaser: Sabby Healthcare Volatility Master Fund, Ltd.
Signature of Authorized Signatory of Purchaser:
Name of Authorized Signatory: _Robert Grundstein
Title of Authorized Signatory: COO of Purchaser's Investment Manager
Email Address of Authorized Signatory: rgrundstein@sabbycapital.com
Facsimile Number of Authorized Signatory: 201 661 8654
Address for Notice to Purchaser: c/o Sabby Management, LLC, 10 Mountainview Road, Suite 205, Upper Saddle River, NJ 07458
Address for Delivery of Securities to Purchaser (if not same as address for notice): Bank America Merrill Lynch, One Bryant Park – 6 th Floor, New York, NY10036, Attn: Miguelina Seda
Subscription Amount: \$ 3,749,999.40 (\$1,22 per share)
Shares: 3,073,770 Warrant Shares: 1,536,885 18month & 1,536,885 5 yr (4) \$1,22
EIN Number: 98-1012742

[SIGNATURE PAGES CONTINUE]

Court Mame: District Court Division: 1 Receipt Mumoer: 465401068871 Respite Tumber: 465401068871 Cashier Tumber: 8676078014 Fransaction Date: 8676078014 Frayer Name: 66760 CAVE LLF

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- สองวัยอีอี โอกอัง